

Supporting information

Controlling the delivery kinetics from colloidal mesoporous silica nanoparticles with pH-sensitive gates

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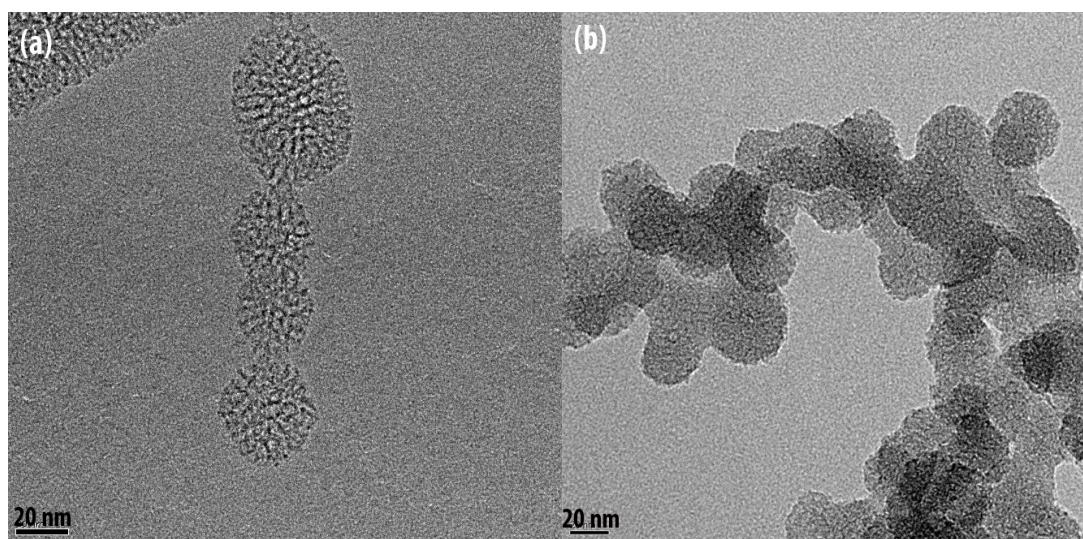


Figure S-1: TEM characterization of the colloidal mesoporous silica nanoaparticles with (a) small and (b) large pore size.

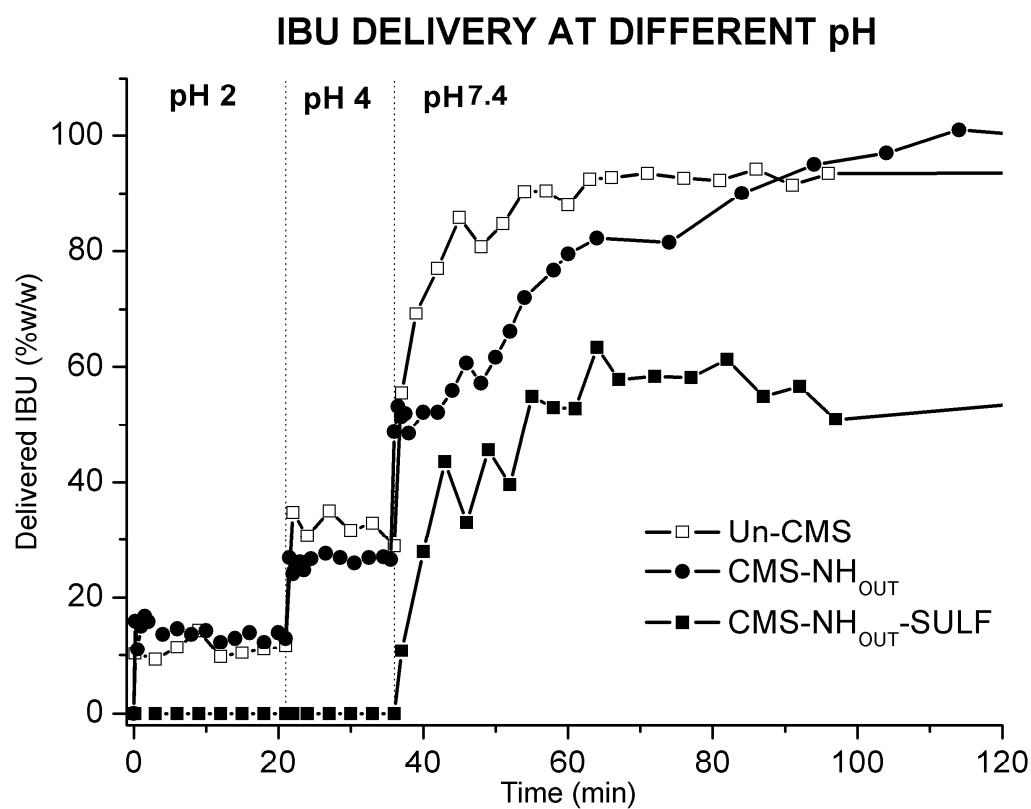


Figure S-2: Ibuprofen delivery profile at different pH values (2, 4 and 7.4) from the samples Un-CMS (empty squares), CMS outer-functionalized with amino groups ($\text{CMS-NH}_{\text{OUT}}$, filled circles) and the SULF-gated CMS nanoparticles ($\text{CMS-NH}_{\text{OUT}}\text{-SULF}$, filled squares).